CLAIMS

What is claimed is:

1.   A method of correctly ordering test code for testing software components comprising the steps of:

generating test code for testing a software component;

utilizing a software diagramming tool to provide at least one sequence diagram of said software component; and

ordering said test code in accordance with said sequence diagram.

2.   The method of claim 1 wherein said software component is selected from the group comprising COM, DCOM, COM+, Corba, and EJB.

3.   The method of claim 1 wherein said step of generating test code comprises the step of determining at least one method of said software component.

4.   The method of claim 3 further comprising the step of evaluating said at least one method to determine the type of data required to test said at least one method.

5.   The method of claim 3 further comprising the step of evaluating said at least one method to determine parameters to be passed to said at least one method in order to test said at least one method of said software component.

6.   A computer program product comprising a computer usable medium having computer readable code thereon for correctly ordering test code for testing software components, the computer readable code comprising:

4   instructions for generating test code for testing a software component;

5   instructions for utilizing a software diagramming tool to provide at least

6 one sequence diagram of said software component; and

7   instructions for ordering said test code in accordance with said sequence

8 diagram.

1 7.   The computer program product of claim 6 wherein said software

2 component is selected from the group comprising COM, DCOM, COM+, Corba,

3 and EJB.

1 8.   The computer program product of claim 6 wherein said instructions for

2 generating test code further comprise instructions for determining at least one

3 method of said software component.

1 9.   The computer program product of claim 8 further comprising instructions

2 for evaluating said at least one method to determine the type of data required to

3 test said at least one method.

1 10.   The computer program product of claim 8 further comprising instructions

2 for evaluating said at least one method to determine parameters to be passed to

3 said at least one method in order to test said at least one method of said software

4 component.